

XT, XR **XT2/XR2 SERIES 240/340/440**

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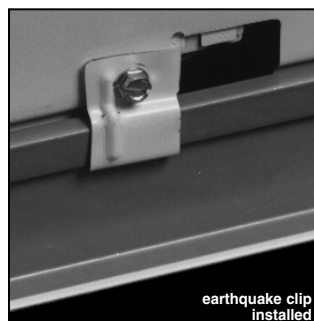
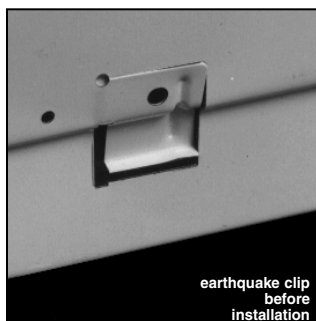
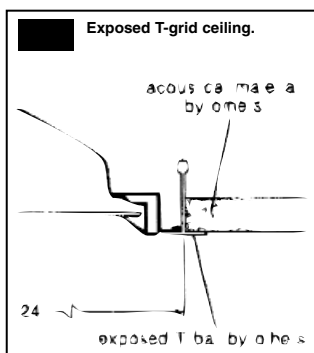
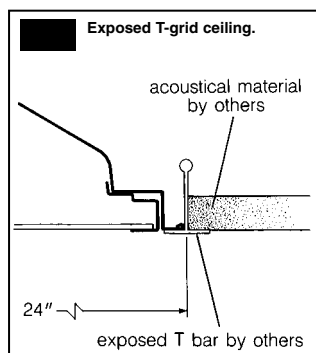
2'x4' LAY-IN RECESSED FLUORESCENT STATIC, FLAT STEEL LENS FRAME (XT)
REGRESSED ALUMINUM LENS FRAME (XR), 2, 3, 4 LAMPS, T8 OR T12

Features

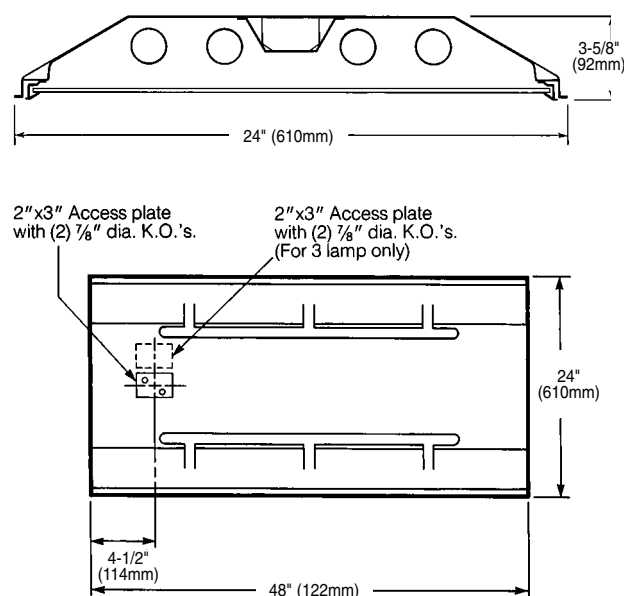
- Efficiency 80.9% (3 lamp T8).
- Fixture side rails have rolled-over edges for maximum safety.
- One piece body 3-5/8" deep.
- Ends of housing are formed inward for safer handling while installing troffer.
- Built-in earthquake clips (patent number 5,072,344).
- Flat steel full-size lens frame (XT).
- Regressed extruded aluminum lens frame (XR).
- Lens frame overlaps end of housing for positive mechanical light stop.
- Cam action latches.
- Flat steel lens frame with mitered corner detail is the same size as the ceiling opening for a clean uniform appearance.
- UL-Listed twin knockout access plate for easy closed lens frame wiring.



MOUNTING METHODS



DIMENSIONS



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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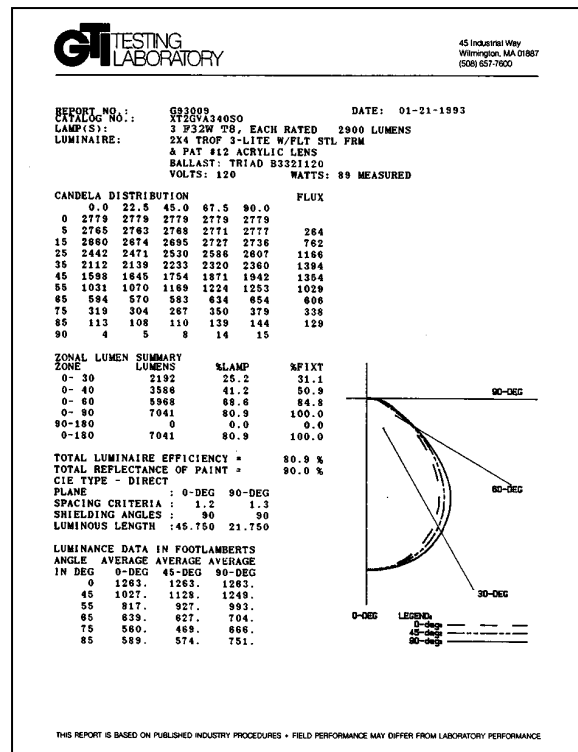


XT, XR XT2/XR2 SERIES 240/340/440

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REGRESSED ALUMINUM LENS FRAME (XR), 2, 3, 4 LAMPS, T8 OR T12

PHOTOMETRY



MODEL NO. XT2GVA340120S0

coefficients of utilization — zonal cavity method

RF	20			20			20		
RC	80			50			30		
RW	70	50	30	50	30	10	50	30	10
1	89	86	83	81	78	76	78	76	74
2	82	76	72	72	68	65	70	67	64
3	76	68	63	65	60	56	63	59	55
4	70	61	55	58	53	49	56	52	48
5	64	55	48	52	47	42	51	46	42
6	59	49	43	47	41	37	46	41	37
7	55	44	38	43	37	33	41	36	32
8	51	40	33	38	33	28	37	32	28
9	47	36	29	34	29	25	34	28	24
10	43	33	26	31	26	22	31	25	22

visual comfort probability

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	64	68	75	82	61	65	72	79
20	30	57	61	66	73	54	58	63	69
20	40	54	57	62	66	49	53	58	62
20	60	51	54	57	61	46	49	52	57
30	20	65	69	74	80	63	67	72	78
30	30	58	61	65	70	55	59	62	68
30	40	54	57	60	64	50	53	57	60
30	60	50	53	55	59	46	49	51	55
30	80	49	51	52	55	44	46	48	51
40	20	66	70	75	79	65	69	73	78
40	30	59	63	66	70	57	60	64	68
40	40	55	57	60	63	51	54	57	61
40	60	51	53	55	58	47	49	51	54
40	80	49	51	51	54	44	47	48	51
40	100	49	50	50	52	43	45	45	48
60	30	60	63	66	70	58	62	65	69
60	40	55	58	60	63	53	56	58	61
60	60	51	53	55	58	48	50	51	55
60	80	49	51	51	54	45	47	47	50
60	100	49	50	49	51	44	45	45	48
100	40	58	60	62	65	56	59	61	64
100	60	54	55	56	59	51	53	54	57
100	80	51	52	52	55	48	49	49	52
100	100	50	51	50	52	46	47	46	48

ORDERING INFORMATION

Explanation of Catalog Number. Example: XT2GVA340120S0GLR

XT = Recessed Fluorescent with Flat Steel Lens Frame	2 = FIXTURE WIDTH	G = CEILING TYPE: G = Grid (lay-in T-bar)	VA = LENS/SHIELDING TYPE: VA = Virgin Acrylic (standard) see options and consult factory	LAMP QUANTITY: 2, 3 or 4 Lamps	40 = LAMP/FIXTURE LENGTH: (Nominal 48")	VOLTAGE: 120 or 277	BALLAST TYPE: LE=Magnetic (T12) OC=Magnetic (T8) SS=Electronic (T12) S3=1-3 Lamp Elect. (T12) S0=Electronic Elect. (T8) O3=1-3 Lamp Elect. (T8) O4=1-4 Lamp Elect. (T8) DIM=Dimming (T12) PS=L.O.L. Power Spec T8 Dimming Ballast	OPTIONS: Add appropriate suffix to catalog no. ie: (GLR)
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OPTIONS & ACCESSORIES

SPECIAL LENSES: Substitute **VB** for .125" nominal pattern 12 with 7.8 oz. average weight per square foot. Substitute **VI** for .125" nominal pattern 12 with 6.9 oz. average weight per square foot.

ACCESS PLATES: Top wiring access plate is shipped with fixture as standard. When access plates are required in advance for wiring convenience, specify separately. Order Catalog Number: **ACP CSP**.

ELECTRICAL/WIRING OPTIONS: Consult factory.

FUSING: Internal fast-blow fusing. SUFFIX: **GLR**.

Internal slow-blow fusing. SUFFIX: **GMF**.

RADIO INTERFERENCE FILTER 120 or 277 volt, 50 or 60 Hz. One per fixture is standard. SUFFIX: **RF**.

SPECIFICATIONS

PERFORMANCE: In an installation of 4 lamp 40 W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% walls, 20% floor, the C.U. shall not be less than .78. To reduce glare the VCP shall be not less than 42 either lengthwise or crosswise (at 100 fc level) and the average brightness at 65 shall not exceed 718 footcandle. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 66%.

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel.

Housing is embossed for added strength and rigidity with all edges rolled over

for safe handling. **Lens frames**—(XT) flat full-size steel frame, (XR) regressed full-size aluminum frame.

FINISH: Chassis exterior—white baked polyester enamel. **Cavity**—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.

LENS: Extruded virgin acrylic 3/16" square based female cones, running 45° to the panel edge, .095" nominal thickness (similar to pattern 12).

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

LABELS: I.B.E.W. Listed by Underwriters Laboratories.

Job Information

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